Marco Costanzo

List of Publications by Year
in descending order

16 papers	**231** citations
1040056 **9** h-index	1199594 **12** g-index
16 all docs	**16** docs citations
16 times ranked	**120** citing authors

#	Article	IF	Citations
1	Two-Fingered In-Hand Object Handling Based on Force/Tactile Feedback. IEEE Transactions on Robotics, 2020, 36, 157-173.	10.3	36
2	Design and Calibration of a Force/Tactile Sensor for Dexterous Manipulation. Sensors, 2019, 19, 966.	3.8	30
3	Handover Control for Human-Robot and Robot-Robot Collaboration. Frontiers in Robotics and AI, 2021, 8, 672995.	3.2	26
4	A Multimodal Approach to Human Safety in Collaborative Robotic Workcells. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1202-1216.	5.2	21
5	Manipulation Planning and Control for Shelf Replenishment. IEEE Robotics and Automation Letters, 2020, 5, 1595-1601.	5.1	20
6	Slipping Control Algorithms for Object Manipulation with Sensorized Parallel Grippers. , 2018, , .		19
7	Control of robotic object pivoting based on tactile sensing. Mechatronics, 2021, 76, 102545.	3.3	19
8	Can Robots Refill a Supermarket Shelf?: Motion Planning and Grasp Control. IEEE Robotics and Automation Magazine, 2021, 28, 61-73.	2.0	13
9	Modeling and slipping control of a planar slider. Automatica, 2020, 115, 108875.	5.0	12
10	Tactile Sensors for Parallel Grippers: Design and Characterization. Sensors, 2021, 21, 1915.	3.8	10
11	A Fuzzy Inference Approach to Control Robot Speed in Human-robot Shared Workspaces. , 2019, , .		8
12	A Multimodal Perception System for Detection of Human Operators in Robotic Work Cells. , 2019, , .		6
13	Motion Planning and Reactive Control Algorithms for Object Manipulation in Uncertain Conditions. Robotics, 2018, 7, 76.	3.5	4
14	Control of Sliding Velocity in Robotic Object Pivoting Based on Tactile Sensing. IFAC-PapersOnLine, 2020, 53, 9950-9955.	0.9	4
15	Optical Force/Tactile Sensors for Robotic Applications. IEEE Instrumentation and Measurement Magazine, 2021, 24, 28-35.	1.6	3
16	Dual-Arm In-Hand Manipulation with Parallel Grippers Using Tactile Feedback. , 2021, , .		0